

and vegetation is planted on the low density portion.

2. The resin cultivating base of claim 1, wherein the resin cultivating base is provided with recesses thereon for planting vegetation.

3. The resin cultivating base of claim 1, includes spaces free from filaments, the spaces opening on a peripheral area thereof.

4. A water purifying device comprising a resin cultivating base of claim 1, wherein the resin cultivating base planted with aquatic vegetation and land vegetation thereon is installed in the waterway to be purified.

5. The water purifying device of claim 4, comprising a plurality of resin cultivating bases coupled with one another.

6. A water purifying method comprising the steps of; planting vegetation on the resin cultivating base of claim 1;

installing the resin cultivating base in a waterway to be purified; growing the vegetation and allowing the vegetation to suck water pollutants; forming seedling beds for microorganisms using filaments of the resin cultivating base and roots of vegetation growing therein; and allowing microorganisms to decompose water pollutants in the water.

7. The resin cultivating base of claim 1, including the low density portion and the high density portion in a unit base.

8. The resin cultivating base of claim 1, wherein the low density portion and the high density portion are

separately manufactured; the low density portion is positioned on the high density portion for the purpose of making a multi-tier structure; and the multi-tier structure is placed in the waterway with a water flow space maintained between the high density portion and a bed of the waterway.

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3/14/02

9. The method of claim 7, wherein a plurality are juxtaposed, and the purified water is returned to the waterways.

10. The resin cultivating base of claim 1, wherein a frame made of hollow synthetic resin woods is fixedly connected to four corners of the high density portion near a border between the low density portion and the high density portion, or to four corners of the high density portion near the surface of the water.

11. The resin cultivating base of claim 10, wherein the frame of hollow synthetic resin woods is assembled in the shape of a square frame on a bed of the waterway, and the resin cultivating base including the low and high density portions is fitted into the frame.

12. The resin cultivating base of claim 3, wherein the spaces free from the filaments are used for enabling posts, which are made of synthetic resin woods and stand upright on the bed of the waterway, to pass through, for the purpose of fixing the resin cultivating base.

13. The resin cultivating base of claim 1, wherein a plurality of resin cultivating base including the low and high density portions in a unit base are stacked up to form a multi-tier structure.